BANGALORE NORTH CITY CORPORATION

REQUEST FOR PROPOSALS

For

Consultancy services for Preparation of Detailed Project Report (DPR) including Field survey, General and Technical Reports, Basic and Detailed drawings, and Detailed cost Estimates for "Comprehensive Development of roads drains, footpaths, Parks, sports facilities and Educational Buildings in Yelahanka Division".

Estimation Cost Rs 4400.00 Lakhs

Executive Engineer

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SECTION I

BENGALURU NORTH CITY CORPORATION

No: BNCC/EE/YNK.D/KPPP/ 03 /2025-26

Office of the Executive Engineer
Yelahanka division, Bangalore – 560064.
Dated **: 19-12-2025.**

INVITATION FOR TENDER (IFT)
(Two Cover system)
(Short term- Tender Notification)
(**Through Karnataka Procurement Public Portal only**)

1. The Bangalore North City Corporation (BNCC) invites **Request for Proposal** from interested Firms / Organization those **who have done similar type of work** for Consultancy services for Preparation of Survey, Designs, Drawing, Estimate preparation of Tender papers and **Detailed Project Report (DPR)** for the below work invited through e-Procurement system by the Executive Engineer yelahanka Division, Zone-2, BNCC, Bangalore – 560 064.
2. The Executive Engineer (yelahanka Division), Zone-2, BNCC invites tenders from eligible contractors registered in Erstwhile BNCC / KPWD / National Highway or any state Govt. Organization for the DPR Consultancy works detailed in the Table below. The tenderers may submit tenders for the works given in the table through e-procurement portal of the Government of Karnataka (viz http:/eproc.karnataka.gov.in). The Tenderers are advised to note the minimum qualification criteria specified in clause-3 of the instructions to Tenderers to qualify for award of the contract as per standard **RFP Document and Tender Document.**
3. Tender documents may be downloaded from the e-procurement portal of The Government of Karnataka from **date: 20-12-2025.**
4. Tenders must be accompanied by earnest money deposit specified for the work in the Table below. Earnest money deposit will have to be in any one of the forms as specified in the Tender document and shall have to valid for 90 days beyond the validity of the tender. If the tenderer quotes less than the estimate cost, the Difference amount in form of DD payable in the favour of **"The Commissioner, BNCC, Bangalore"** should be furnished along with the technical document at the time of submitting bids.
5. Other details can be seen in the tender documents.

Sl. No	Name of the Work	Approximate value of work (Rs in Lakhs)	EMD Amount	Eligibility	Period of Completion
1	Consultancy services for Preparation of Detailed Project Report (DPR) including Field survey, General and Technical Reports, Basic and Detailed drawings, and Detailed cost Estimates for "Comprehensive Development of roads drains, footpaths, Parks, sports facilities and Educational Buildings in Yelahanka Division".	20.00	Rs.100000/-	As per KPP Portal	30 days

Note:

1. Date of Pre bid meeting at the office of the Executive Engineer (Yelahanka Division) on **23-12-2025** at **16.00 hrs.**
2. Tenders must be submitted online through e-procurement portal on or before **16.00** hours on **dt: 29-12-2025** and the opening of tenders will be as per the e-procurement portal guidelines.
3. Technical Bids will be opened on the website https:/eproc.karnataka.gov.in in the office of the Executive Engineer (Yelahanka Division) on **Dt: 30-12-2025 at 16.00 hours**.
4. Aspiring Bidders/contractors who have not registered in e-procurement should register before participating through the website https:/eproc.karnataka.gov.in
5. Before submission of online bids bidders must ensure that scanned copies of all the necessary documents have been attached with bid.
6. All the required information required for Bids must be filled and submit online.
7. For details, registration and e-payment visit GOK e-procurement website https:/eproc.karnataka.gov.in or contact e-procurement Helpdesk at 080-25501227 / 25501216.
8. This tender notice can also be seen on the BNCC/BNCC website www.BNCConline.org

Sd/-
Executive Engineer
Yelahanka Division, BNCC.

Copy to:

1. Hon'ble Administrator Bangalore North City Corporation for kind information
2. The Honorable Chief Commissioner, GBA for kind information.
3. Hon'ble Commissioner (Bangalore North City Corporation) for kind information
4. Additional Commissioner (Development / Revenue) Bangalore North City Corporation for kind information.

5. Joint Commissioner (Zone-2) Bangalore North City Corporation for kind information.
6. Chief Engineer (Zone-2) / Superintending Engineer (Zone-2) Bangalore North City Corporation for kind information.
7. I.T Advisor with a request to publish in the BNCC website.
8. All Executive Engineers of GBA with request to publish the same in the display/notice boards.
9. Accounts Superintendent / Cashier for information.
10. Public Relation Officer, BNCC with a request to take need full action to publish the same in any two leading daily Newspapers (in Kannada and English),
11. Notice Board.
12. Office Copy.

Executive Engineer
Yelahanka Division, BNCC.

SECTION 2
INFORMATION TO CONSULTANTS

1. Introduction

1.1 The Employer named in the "Data Sheet" shall select a Firm among those who will submit the Proposals (Technical Proposal and Financial Proposal) for the Assignment mentioned in the Data Sheet, in accordance with the Method of Selection indicated in the Data Sheet.

1.2 The Consultants are invited to submit a Technical Proposal and a Financial Proposal, as specified in the Data Sheet for Consulting Services required for the Assignment named in the Data Sheet.

The Proposal will be the basis for Contract Negotiations and ultimately for a Signed Contract with the selected Consultant.

1.3 The Assignment shall be implemented in accordance with the phasing indicated in the Data Sheet. When the Assignment includes several phases, the Performance of the Consultant under each Phase must be to the Employer's Satisfaction before Work begins on the next phase.

1.4 The Consultants must familiarize themselves with local conditions and take those conditions into account in preparing their Proposals. To obtain first hand information on the Assignment and on the Local Conditions, Consultants are

encouraged to pay a visit to the Employer before submitting a proposal and to attend a Pre Proposal Conference if one is specified in the Data Sheet. Attending the Pre Proposal Conference is optional. The Consultants' Representatives should contact the Officials named in the Data Sheet to arrange for their visit or to obtain Additional Information on the Pre Proposal Conference. Consultants should ensure that these Officials are advised of the visit in adequate time to allow them to make appropriate arrangements.

1.5 The Employer shall provide the Inputs specified in the Data Sheet, assist the Firm in obtaining Licenses and Permits needed to carry out the Services and make available relevant Project Data and Reports.

1.6 Please note that (i) the Costs of Preparing the Proposal and of Negotiating the Contract, including a visit to the Employer, are not reimbursable as a Direct Cost of the Assignment; and (ii) the Employer is not bound to accept any of the Proposals submitted.

1.7 The Executive Engineer, Yelahanka Division, BNCC expects the Consultant to provide Professional, Objective and Impartial Advice and at all time hold the Employer's interests paramount, without any consideration for future work, and strictly avoid conflicts with other Assignments or his own Corporate Interests. The Consultant shall not be hired for any Assignment that would be in conflict with his prior or current Obligations to other Employers, or that may place him in a position of not being able to carry out the assignment in the best interest of the Employer.

1.7.1 Without limitation on the generality of this rule, the Consultant shall not be hired under the circumstances set forth below.

a. A Firm which has been engaged by the Employer to provide goods or works for a project, and any of its affiliates, shall be disqualified from providing Consulting Services for the same project. Conversely, Firm hired to provide consulting services for the preparation or implementation of a project, and any of his affiliates, shall be disqualified from subsequently providing goods or works or services related to the initial assignment (other than a continuation of the firm's earlier consulting services) for the same project.

b. Consultants or any of their affiliates shall not be hired for any assignment which, by its nature, may be in conflict with another assignment of the Consultants.

1.7.2 As pointed out in para 1.7.1 (a) above, the Consultant may be hired for downstream work, when continuity is essential, in which case this possibility shall be indicated in the Data Sheet and the Factors used for the Selection of the Consultant shall take the likelihood of continuation into account. It shall be the exclusive decision of the Employer whether or not to have the extended assignment carried out, and if it is carried out, which Consultant shall be hired for the purpose.

1.8 It is BNCC's Policy to require that Consultants observe the highest standard of ethics during the execution of such Contracts. In pursuance of this Policy, the BNCC

a. Defines, for the Purposes of this Provision, the Terms set forth below as follows.
   i. "Corrupt Practice" means the offering, giving, receiving, or soliciting of anything of value to influence the action of a public official in the selection process or in contract execution and
   ii. "Fraudulent Practice" means a misrepresentation of facts in order to influence a selection process or the execution of a contract to the detriment of BNCC and includes collusive practices among Consultants (Prior to or after submission of proposals) designed to establish prices at artificial, non competitive levels and to deprive BNCC of the benefits of free and open competition.

b. will reject a Proposal for Award if it determines that the Firm recommended for Award has engaged in Corrupt or Fraudulent Activities in competing for the Contract in question;
c. will declare a Firm ineligible, either indefinitely or for a stated period of time, to be awarded GOK Financed Contract if it at any time determines that the Firm has engaged in Corrupt or Fraudulent Practices in competing for, or in executing, a GOK Financed Contract and
d. will have the right to inspect Consultant's Accounts and Records relating to the Performance of the Contract and to have them audited by auditors appointed by GOK.

1.9 The Consultant shall not be under a Declaration of Ineligibility for Corrupt and Fraudulent Practices issued by GOK in accordance with the above sub para 1.8 (d).

1.10 The Consultant shall be aware of the Provisions on Fraud and Corruption stated in the Standard Contract under the Clauses indicated in the Data Sheet.

2. Clarification and Amendment of RFP Documents

2.1 The Consultant may request a Clarification of any Item of the RFP Document up to the number of days indicated in the Data Sheet before the Proposal Submission Date. Any request for clarification must be sent through e – Procurement Website. Employer's Response will be displayed in the e – Procurement Website including a Description of the Query but without identifying its Source.

2.2 At any time before the Submission of Proposals, the Employer may, for any reason, whether at its own initiative or in response to a Clarification requested by a Prospective Firm, modify the RFP Document by Amendment. Any

Amendment shall be issued in writing through Addenda. Addenda shall be displayed in the e – Procurement Website. The Employer may at its own discretion extend the Deadline for the Submission of Proposal.

3. Preparation of Proposal

3.1 The Consultants are requested to submit their Proposals (sub para 1.2) written in the Language(s) specified in the Data Sheet.

Technical Proposal

3.2 While preparing the Technical Proposal, the Consultants are expected to examine the Documents comprising this RFP in detail. Material Deficiencies in providing the Information requested may result in rejection of a Proposal.

3.3 While preparing the Technical Proposal, the Consultants shall give particular attention to the following.

i. *If a firm considers that it does not have all the expertise for the Assignment, it may obtain a full range of expertise by associating with individual consultant(s) and/or other firms or entities in a joint venture or sub-consultancy, as appropriate. Consultants may associate with the other consultants invited for this Assignment only with approval of the Employer as indicated in the Data Sheet. Consultants must obtain the approval of the Employer to enter into a Joint Venture with consultants not invited for this assignment*

ii. For Assignments on a Staff – Time Basis, the estimated number of Key Professional Staff – Months is given in the Data Sheet. The Proposal shall, however, be based on the Number of Key Professional Staff – Months estimated by the Firm.

iii. It is desirable that the Majority of the Key Professional Staff proposed be Permanent Employees of the Firm or has an extended and stable working relation with it.

iv. Proposed Key Professional Staff shall at a minimum have the Experience indicated in the Data Sheet.

v. Alternative Key Professional Staff shall not be proposed, and only one Curriculum Vita (CV) may be submitted for each position.

vi. Reports to be furnished by the Consultants as part of this Assignment must be in the Language(s) specified in the Data Sheet. It is desirable that the Firm's Personnel have a Working Knowledge of the Employer's Official Language.

3.4 The Technical Proposal shall provide the following information using the attached Standard Forms (**Section 3**).

i. A Brief Description of the Consultant's Organization and an Outline of the Recent Experience on Assignments (**Section 3B**) of a similar nature. For each

Assignment, the outline shall indicate, inter alia, the Profiles and Names of the Staff provided, Duration of the Assignment, Contract Amount and Firm's Involvement.

ii. Any Comments or Suggestions on the Terms of Reference and on the Data, a List of Services and Facilities to be provided by the Employer (**Section 3C**).

iii. A Description of the Methodology and Work Plan for Performing the Assignment (**Section 3D**).

iv. The List of the proposed Staff Team, the Tasks that would be assigned to each Staff Team Member, and their Timing (**Section 3E**).

v. CVs recently signed by the proposed Key Professional Staffs and the Authorized Representative submitting the Proposal (**Section 3F**). Key Information shall include number of years working for the Firm / Entity, and Degree of Responsibility held in various Assignments during the last ten years.

vi. Estimates of the Total Staff Effort (Professional and Support Staff, Staff Time) shall be provided to carry out the Assignment, supported by Bar Chart Diagrams showing the time proposed for each Key Professional Staff Team Member (**Sections 3E and 3G**).

vii. A Detailed Description of the Proposed Methodology, Staffing, Monitoring, Training, if the Data Sheet specifies Training as a Major Component of the Assignment.

viii. Any Additional Information requested in the Data Sheet.

The Technical Proposal shall not include any Financial Information.

Financial Proposal

3.6 In preparing the Financial Proposal, the Consultants are expected to take into account the Requirements and Conditions of the RFP Document. The Financial Proposal shall follow Standard Forms (**Section 4**). It shall list all Costs associated with the Assignment, including (a) Remuneration for Staff and (b) Reimbursable such as Subsistence (per diem, housing), Transportation (national and local, for Mobilization and Demobilization), Services and Equipment (Vehicles, Office Equipment, Furniture and Supplies), Office Rent, Insurance, Printing of Documents, Surveys, and Training, if it is a Major Component of the Assignment. If appropriate, these Costs shall be broken down Activity wise.

3.7 The Consultants shall express the Price of their Services in Indian Rupees.

3.8 The Data Sheet indicates how long the Proposals must remain valid after the Submission Date. During this period, the Consultant is expected to keep available the Key Professional Staff proposed for the Assignment. The Employer shall make its best effort to complete Negotiations within this period. If the Employer wishes to extend the Validity Period of the Proposals, the Consultants who do not agree have the right not to extend the Validity of their Proposals.

4. Submission, Receipt and Opening of Proposals

4.1 The Electronic Tendering System for the Assignment comprises of (i) Technical Proposal and (ii) Financial Proposal. The Proposals must be electronically submitted (online through Internet) within the Date and Time published in e – Procurement Portal.

4.2 The Proposals shall contain no Alterations or Additions, except those to comply with Instructions issued by the Employer that are duly incorporated.

4.3 Each Page uploaded pertaining to the Consultant's Eligibility Criteria, Essential Conditional Criteria, Financial Criteria Documents, etc. shall be duly signed and sealed by the Consultant or a Person or Persons duly authorised to sign on behalf of the Consultant. Such Authorisation shall be indicated by a Written Power – of – Attorney accompanying the Proposal. The Corrections, if any, shall be made by striking of and shall be initialled with date.

4.4 No Physical Documents shall be considered. All the Participants shall produce all the Original Documents for Verification whenever necessary.

4.5 Any Consultancy Firm / Company trying to submit the Proposal after Deadline will not be accepted in the e – Procurement.

4.6 Financial Proposals will not be opened until Technical Evaluation has been completed and the Result approved and notified to all Consultants.

4.7 **Earnest Money Deposit**

4.7.1 Tenders must be accompanied by Earnest Money Deposit specified for the work in the table below. Earnest money deposit will have to be submitted EMD Declaration Copy (As per Government order No: FD/675/expe-12/2020. Bangalore Dated 22-12-2020.

4.8 The Last Date and Time including Hours, Minutes and Seconds for Submission of the Proposal will be mentioned in the Portal. The Proposal will disappear automatically immediately after the Time of Submission is elapsed.

4.9 Consultant may modify Contents of their Technical Proposal or Financial Proposal before the Deadline for Proposal Submission mentioned in the Portal.

4.10 Consultant may withdraw their Proposals by cancelling his Proposal on the Portal only before the Deadline for Proposal Submission mentioned in the Portal.

4.11 No Proposal may be modified and withdrawn after the Deadline for Submission of Proposal.

5. Proposal Evaluation

General

5.1 From the time the Proposals are opened to the time the Contract is awarded, if any Consultant wishes to contact the Employer on any matter related to its Proposal, it shall do so in writing at the Address indicated in the Data Sheet. Any effort by the Firm to influence the Employer in the Employer's Proposal Evaluation, Proposal Comparison or Contract Award Decisions may result in the Rejection of the Consultant's proposal.

5.2 Evaluators of Technical Proposal shall have no access to the Financial Proposal until the Technical Evaluation, including its Approval by the Competent Authority is obtained.

Evaluation of Technical Proposals

5.3 The Evaluation Committee appointed by the Employer as a whole and each of its Members individually evaluates the Proposals on the Basis of their Responsiveness to the Terms of Reference, applying the Evaluation Criteria, Sub Criteria (typically not more than three per criteria) and Point System specified in the Data Sheet. Each Responsive Proposal shall be given a Technical Score (TS). A Proposal shall be rejected at this stage if it does not respond to Important Aspects of the Terms of Reference or if it fails to achieve the minimum Technical Score indicated in the Data Sheet.

The Technical Proposals of only the Consultants satisfying the following Qualification Criteria will be evaluated.

a) Achieved a minimum annual Financial Turnover (in all classes of Civil Engineering Consultation Works only) of Rs. 40.00 Lakhs. In support of this, the Consultant shall furnish the Audited Balance Sheets or certificate from Charted Accountant along with the Technical Proposal.

b) The Consultancy Firm / Company should have been involved in the Civil Engineering Consultancy i.e Preparation of Detailed Project Reports, Design, Proof Checking, reports, etc. for last 5 years as a prime consultant. In support of this, the Consultant shall furnish a Certificate duly certified by the Competent Authority of Rank not below the Executive Engineer.

c) Successfully completed Detailed Project Reports, Proof Checking of Designs and Drawings, etc. as prime consultant for similar type of assignment costing not less than Rs 500.00 Lakhs. In support of this, the Consultant shall furnish a Certificate duly certified by the Competent Authority of Rank not below the Executive Engineer. RFP documents submitted without the requisite Certificate issued by the competent authority will be summarily rejected.

d) Consultants must have Key professional required (as detailed in Terms of Reference) having experience in preparation of DPR, Estimates, Designs and Drawings to be deployed exclusively for this consultancy contract. The employer or competent authority shall furnish the CVs of the personnel and the availability of the personnel for the project till completion of the assignment.

Public Opening and Evaluation of Financial Proposals, Ranking

5.4 After the Evaluation of all the Technical Proposals are completed, the Employer shall display in the e – Procurement Website the Name of those Consultants

whose Proposals did not meet the minimum Qualifying Mark or were considered Non Responsive to the RFP and Terms of Reference, indicating that their Financial Proposals shall not be opened. The Employer shall simultaneously display in the e – Procurement Website the Names of the Consultants that have secured the minimum Qualifying Mark.

5.5 The Financial Proposal shall be opened publicly in the presence of the Consultants' Representatives who choose to attend. The Name of the Consultant, the Technical Scores and the proposed Prices shall be read aloud and recorded when the Financial Proposals are opened. The Employer shall prepare Minutes of the Public Opening.

5.6 The Evaluation Committee will determine whether the Financial Proposals are complete, (i.e. whether they have costed all Items of the corresponding Technical Proposals, if not, the Employer will cost them and add their cost to the initial price), correct any Computational Errors.

5.7 The Employer will select the Lowest Proposal ('evaluated' price) among those that have passed the Minimum Technical Score. The selected Consultant shall be invited for Negotiations.

6. Negotiations

6.1 Negotiations will be held at the Address indicated in the Data Sheet. The aim is to reach an Agreement on all Points and sign a Contract.

6.2 Negotiations will include a Discussion of the Technical Proposal, the Proposed Methodology (Work Plan), Staffing and any Suggestions made by the Firm to improve the Terms of Reference. The Employer and Consultant will then work out Final Term of Reference, Staffing and Bar Charts indicating Activities, Staff, Periods in the Field and in the Home Office, Staff Months, Logistics, and Reporting. The Agreed Work Plan and Final Terms of Reference shall then be incorporated in the "Description of Services" and form part of the Contract. Special Attention shall be paid to get the most the Consultant can offer within the available budget and to clearly defining the Inputs required from the Employer to ensure satisfactory implementation of the Assignment.

6.3 Unless there are Exceptional Reasons, the Financial Negotiations shall involve neither the Remuneration Rates for Staff (no Breakdown of Fee) nor other Proposed Unit Rates.

6.4 Having selected the Consultant on the basis of, among other things, an Evaluation of Proposed Key Professional Staff, the Employer expects to negotiate a Contract on the basis of the Experts named in the Proposal. Before Contract Negotiations, the Employer shall require Controls that the Experts shall be actually available. The Employer shall not consider Substitutions during Contract Negotiations unless both Parties agree that undue delay in the selection process makes such substitution unavoidable or that such changes are critical to meet the Objectives of the Assignment. If this is not the case and if it is established

that Key Staff offered in the Proposal was without confirming their availability, the Consultant may be disqualified.

6.5 The Negotiation will conclude with a Review of the Draft Form of the Contract. To complete Negotiation, the Employer and the Consultant shall initial the Agreed Contract. If Negotiations fail and if it is concluded that a Contract with Reasonable Terms cannot be concluded with this Consultant, the Employer shall invite the Firm who has quoted the Second Lowest Price for Negotiations. The Process shall be repeated till an Agreed Contract is concluded.

7. Award of Contract

7.1 The Contract will be awarded following Negotiations. After Negotiations are completed, the Employer will promptly notify other Consultants on the shortlist that they were unsuccessful and return the Financial Proposals of those Consultants who did not pass the Technical Evaluation (sub para 5.3).

7.2 The Consultant is expected to commence the Assignment on the Date and at the Location specified in the Data Sheet.

8. Confidentiality

8.1 Information related to Evaluation of Proposals and Recommendations concerning Awards shall not be disclosed to the Consultants who submitted the Proposals or to other Persons not officially concerned with the Process, until the successful Consultant has been notified that it has been awarded the Contract.

9. Performance Security

9.1 Within 7 days of Receipt of the Letter of Acceptance, the Successful Consultant shall deliver to the Employer a Security Deposit in any of the forms given below for an Amount equivalent to 5% of the Contract Price.

- Banker’s Cheque/ Demand Draft / Pay Order in favour of “The Commissioner”, Bruhat Bengaluru Mahanagara Palike, Bengaluru payable at Bengaluru or
- A Bank Guarantee in the Form given in Appendix F.
- Fixed Deposit Receipt (FDR) pledged in the name of “The Commissioner”, Bruhat Bengaluru Mahanagara Palike, Bengaluru.

9.2 If the Security Deposit is provided by the Successful Tenderer in the form of a Bank Guarantee, it shall be issued either by a Nationalized / Scheduled Bank.

9.3 The Security Deposit if furnished in Demand Draft can, if requested, be converted to Interest Bearing Securities at the Cost of the Consultant.

9.4 Failure of the Successful Consultant to comply with the Requirements of Sub Clause 9.1 shall constitute Sufficient Grounds for Cancellation of the Award and Forfeiture of the Earnest Money Deposit.

10. Conflict of Interest

Conflict of Interest for a Consultant is defined as

10.1 The Team Members of the Consultant should not have been employed (as an Employee) by any City or State Level Government Agency during the last 5 years preceding this Contract in Karnataka.

10.2 Any Consultant black listed or debarred by the Government of India / any State government / any other Organisations would not be eligible for Appointment as Consultant.

DATA SHEET

INFORMATION TO CONSULTANTS

Clause Reference

1.1 The Name of the Employer: **The Commissioner**
Bangalore North City Corporation
Bengaluru

The Method of Selection: Least Cost Selection. **(LCS)**.

1.2 A Technical Proposal and a Financial Proposal are requested: **Yes**.

The Name, Objectives and Description of the Assignment are: Consultancy services for Preparation of Detailed Project Report (DPR) including Field survey, General and Technical Reports, Basic and Detailed drawings, and Detailed cost Estimates for "Comprehensive Development of roads drains, footpaths, Parks, sports facilities and Educational Buildings in Yelahanka Division".

1.3 The Assignment is phased: **No**.

1.4 A Pre Proposal Conference will be held: **Yes**.
It will be held at the **Office of the Chief Engineer, Bangalore North City Corporation , Zone-02,**

The Name (s), Address (es) and Telephone No. (s) of the Employer's Official (s) are:

Executive Engineer
Yelahanka Division,
Bangalore North City Corporation
Yelahanaka Old Town, CMC Road,
Bengaluru – 560 064
Phone: 08028461088
Email: eeynk2009@gmail.com

1.5 The Employer shall provide the following Inputs: **Detailed Project Report, Agreement entered between the BNCC and the Contractor**.

1.7.2 The Employer envisages the need for continuity for any Downstream Work: **No**.

1.10 The Clauses on Fraud and Corruption in the Contract are **Sub Clause 2.7.1 of General Conditions of Contract**.

2.1 Clarifications may be requested up to **one day prior to Pre- Proposal conference before the submission date through e – Procurement Website only**.

3.1 Proposals should be submitted in the following Language(s): **English**.

3.3 i. Deleted.

ii. The Estimated Number of Key Professional Staff Months required for the Assignment is **to be furnished by Consultant based on the Scope of Work**.

iv. The Minimum Required Experience of Proposed Key Professional Staff is:

- ❖ Team Leader cum Planning Engineer: Civil Engineering Graduate with 10 years of experience in Similar Field.
- ❖ Civil Engineer: 5 years Experience in Similar Field with Graduation in Civil Engineering.
- ❖ Highway Engineer: 5 years Experience in Similar Field with Graduation / Diploma in Civil Engineering.
- ❖ Structural Engineer : 5 years of experiace.
- ❖ Urban Planner : 5 years of experiace.
- ❖ Surveyor: 3 years of experience.
- ❖ D.M with knowledge of Auto Cad.

vi. Reports which are part of the Assignment must be written in: **English**.

3.4 vii. Training is an important Feature of this Assignment: **No**.

viii. Additional Information in the Technical Proposal includes: **Nil**.

3.10 Proposals must remain valid **90** Days after the Proposal Submission Date.

5.1 The Address to send Information to the Employer: **The Executive Engineer,– Yelahanka Division, Bangalore North City Corporation, Yelahanka old town, Bengaluru – 560 064**.

5.3 The Numbers of Points to be given under each of the Evaluation Criteria are:

i. Specific Experience of the Consultant related to the Assignment of Similar Nature in last 5 years 15 points

ii. Site Appreciation 05 points

iii. Equipment and Software proposed to be used 05 points

iv. **Qualification and Relevant Experience of the Key Professional Staff for the Assignment**
50 points

v. Task Assignment, Manning Schedule, Work Plan
20 points

vi. Setting up of Local Office in Bangalore
05 points

Total 100 points

The Numbers of Points to be given for Qualifications and Competence of the Key Professional Staffs for the Assignment are

Points

i. General Qualification **15**
- Educational Qualification
- Experience in Civil Consultancy Field

ii. Adequacy for the Project **30**
- Experience in preparation of DPRs in Urban Conditions

iii. Experience in Region and Language **05**
- Knowledge in Kannada and English Language

Total

50

The minimum Technical Score required passing: **75 Points**

6.1 The Address for Negotiations is: **The Executive Engineer, Yelahanka Division, Bangalore North City Corporation, Yelahanka old Town, Bengaluru – 560 064**.

7.2 The Assignment is expected to commence **immediately.**

SECTION 3

TECHNICAL PROPOSAL – STANDARD FORMS

3A. Technical Proposal Submission Form.

3B. Consultant's References.

3C. Comments and Suggestions on the Terms of Reference and on Data, Services and Facilities to be provided by the Employer.

3D. Description of the Methodology and Work Plan for Performing the Assignment.

3E. Team Composition and Task Assignments.

3F. Format of Curriculum Vitae of Proposed Key Professional Staff.

3G. Time Schedule for Professional Personnel.

3H. Activity (Work) Schedule.

3A. TECHNICAL PROPOSAL SUBMISSION FORM

[Location, Date]

From: (Name of Consultant) To: (Name and Address of Employer)

_____
_____
_____
_____
_____
_____

Dear Sir

Subject: Consultancy services for Preparation of Detailed Project Report (DPR) including Field survey, General and Technical Reports, Basic and Detailed drawings, and Detailed cost Estimates for "Comprehensive Development of roads drains, footpaths, Parks, sports facilities and Educational Buildings in Yelahanka Division".

We, the undersigned, offer to provide the Consulting Services for the above Work in accordance with your Request for Proposal dated [*Date*], and our Proposal. We are hereby submitting our Proposals, which include this Technical Proposal, and a Financial Proposal sealed under a separate envelope.

If negotiations are held during the Period of Validity of the Proposal, i.e., before [Date] we undertake to negotiate on the basis of the Proposed Staff. Our Proposal is binding upon us and subject to the Modifications resulting from Contract Negotiations.

We understand you are not bound to accept any Proposal you receive.

Yours sincerely

Authorized Signature:
Name and Title of Signatory:
Name of Consultant:
Address:

3B. CONSULTANT'S REFERENCES

Relevant Services carried out in the Last Five Years
That best illustrates Qualifications

Using the Format below, provide Information on each Reference Assignment for which your Firm / Entity, either individually as a Corporate Entity or as one of the Major Companies within an Association, was legally contracted.

<table>
<tr><td colspan="2">Assignment Name:</td><td>Country:</td></tr>
<tr><td colspan="2">Location within Country:</td><td>Key Professional Staff provided by Your Firm / Entity (profiles):</td></tr>
<tr><td colspan="2">Name of Employer:</td><td>No. of Staff:</td></tr>
<tr><td colspan="2">Address:</td><td>No. of Staff Months, Duration of Assignment:</td></tr>
<tr><td>Start Date (Month / Year):</td><td>Completion Date (Month / Year):</td><td>Approx. Value of Services (Rs.):</td></tr>
<tr><td colspan="2">Name of Associated Consultants, if any:</td><td>No. of Months of Key Professional Staffs provided by Associated Consultants:</td></tr>
<tr><td colspan="3">Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and Functions performed:</td></tr>
<tr><td colspan="3">Narrative Description of Project:</td></tr>
<tr><td colspan="3">Description of Actual Services Provided by Your Staff:</td></tr>
</table>

Consultant's Name: _____

Outline of the recent experience on assignments of similar nature of work:

Sl No	Name of assignment	Name of project	Cost of the project	Client	Cost of assignment	Date of commencement	Date of completion	Was assignment satisfactorily completed	Was this opened to traffic	Certificate duly certified by the Competent Authority of Rank not below the Executive Engineer enclosed or not

3C. COMMENTS AND SUGGESTIONS OF CONSULTANTS ON THE TERMS OF REFERENCE AND ON DATA, SERVICES, AND FACILITIES TO BE PROVIDED BY THE EMPLOYER

On the Terms of Reference

1.

2.

3.

4.

5.

On the Data, Services and Facilities to be provided by the Employer

1.

2.

3.

4.

5.

Consultant's Name: _____

3D. DESCRIPTION OF THE METHODOLOGY AND WORK PLAN FOR PERFOMING THE ASSIGNMENT

Consultant's Name: _____

3E. TEAM COMPOSITION AND TASK ASSIGNMENTS

1. Technical / Managerial Staff

Sl. No.	Name	Position	Task
1. 2. 3. 4.			

2. Support Staff

Sl. No.	Name	Position	Task
1. 2. 3. 4.			

Consultant's Name: _____

3F. FORMAT OF CURRICULUM VITAE (CV) FOR PROPOSED KEY PROFESSIONAL STAFF

Proposed Position: .....
Name of the Consultant: .....
Name of Staff: .....
Profession: .....
Date of Birth: .....
Years with Firm / Entity: ..... Nationality: .....
Membership in Professional Societies: .....
Detailed Tasks Assigned: .....

Key Qualifications:

[Give an Outline of Staff Member's Experience and Training most pertinent to Tasks on Assignment. Describe Degree of Responsibility held by Staff Member on Relevant Previous Assignments and give Dates and Locations. Use about half a page.]

Education:

[Summarize College / University and other Specialized Education of Staff member giving names of Schools, Dates attended, and Degrees obtained. Use about one quarter of a page.]

Employment Record:

[Starting with Present Position, list in reverse order every employment held. List all Positions held by Staff Member since Graduation, giving Dates, Names of Employing Organizations, Titles of Positions held, and Locations of Assignments. For experience in last five years, also give Types of Activities performed and Employer References, where appropriate. Use about two pages.]

Languages:

[For each Language indicates Proficiency: Excellent, Good, Fair, or Poor, in Speaking, Reading and Writing.]

Certification:

I, the undersigned, certify that to the best of my knowledge and belief, these Data correctly describe me, my qualifications, and my experience.

_____

[Signature of Staff Member and authorized Representative of the Consultant]

Date: Day / Month / Year

Full Name of Staff Member: .....

Full Name of Authorized Representative: .....

Consultant's Name: _____

3G. TIME SCHEDULE FOR PROFFESSIONAL PERSONNEL

Sl. No.	Name	Position	Reports Due/ Activities	Months (in the form of a Bar Chart)*												
				1	2	3	4	5	6	7	8	9	10	11	12	Number of Months
1.																Sub total (1)
2.																Sub total (2)
3.																Sub total (3)
4.																Sub total (4)

Full time: _____ Part time: _____

Reports Due: _____

Activities Duration: _____

Signature:

_____

* The Schedule should be for the Period of Completion of Assignment

(Authorized Representative)

Full Name:

_____

Title:

_____

Address:

3H. ACTIVITY (WORKS) SCHEDULE

A. Field Investigation and Study Items:

		Month wise Program (in form of Bar Chart)++ [*1st, 2nd, etc. are from the Start of Assignment*]											
Sl. No.	Item of Activity (Work)	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th
	....												
	....												
	....												
	....												
	....												

++ The Program should be Period of Completion of Assignment.

B. Completion and Submission of Reports

Reports*	Programme: (Date)
1. Inception Report	
2. Interim Progress Report • Fortnight Report • Monthly Report	
3. Draft Report	
4. Final Completion Report	

***Modify as required for the Assignment**

SECTION 4

FINANCIAL PROPOSAL – STANDARD FORMS

4A. Financial Proposal Submission Form

4B. Summary of Costs

4C. Breakdown of Costs

4A. FINANCIAL PROPOSAL SUBMISSION FORM

[Location, Date]

From: (Name of Consultant)

To: (Name and Address of Employer)

_____
_____
_____
_____

Dear Sir

Subject: Consultancy services for Preparation of Detailed Project Report (DPR) including Field survey, General and Technical Reports, Basic and Detailed drawings, and Detailed cost Estimates for "Comprehensive Development of roads drains, footpaths, Parks, sports facilities and Educational Buildings in Yelahanka Division".

We, the undersigned, offer to provide the Consulting Services for the above in accordance with your Request for Proposal dated [*Date*], and our Proposal (Technical and Financial Proposals). Our attached Financial Proposal is for the sum of [*Amount in Words and Figures*].

Our Financial Proposal shall be binding upon us subject to the Modifications resulting from Contract Negotiations, up to expiration of the Validity Period of the Proposal, i.e., [*Date*].

We undertake that, in competing for (and, if the award to us, in executing) the above Contract, we will strictly observe the Laws against Fraud and Corruption in force in India namely "Prevention of Corruption Act 1988".

We understand you are not bound to accept any Proposal you receive.

Yours sincerely

Authorized Signature:
Name and Title of Signatory:
Name of the Consultant:
Address:

4B. SUMMARY OF COSTS

Sl. No.	Description@	Amount (Rupees)
1.	Remuneration for Key Professional Staff	
2.	Supporting Staff	
3.	Transportation	
4.	Duty Travel to Site	
5.	Office Rent	
6.	Office Supplies, Utilities and Communication	
7.	Office Furniture and Equipment	
8.	Reports and Document Printing	
9.	Surveys	
	Total Cost	
	Service Tax	
	Total Cost (Including Service Tax)	

Note: The Ceiling Cost of the Consultancy is as shown in the Summary of Costs. Payments will be made as per Stipulations of the Special Conditions of Contract. The Breakup of Cost as given in Format 4C is to facilitate Assessment of Reasonableness of Costs and conducting Negotiations in accordance with Clause 6 of the Information to Consultants.

@ Modify the Items as appropriate for the Consultancy Assignment.

4C. BREAKDOWN OF COSTS (Rs.)

I. REMUNERATION FOR STAFF

Sl. No.	Position	Name	Rate* (Rs.)	SM	Amount (Rs.)
	Key Professional Staff				
1.					
2.					
3.					
4.					
5.					
6.					
	Sub Total				
	Sub Key Professional Staff				
1.					
2.					
3.					
4.					
5.					
	Sub Total				
	Total				

SM – Staff Month

II. REMUNERATION FOR SUPPORT STAFF

Sl. No.	Position	Name	Rate* (Rs.)	SM	Amount (Rs.)
1. 2. 3. 4.					
				Total	

SM – Staff Month

* Provide the Breakup of the Rates to show the Basic Salary, Social Costs and Overhead.

III. Transportation (Reimbursable) # Total:

IV. Duty Travel to Site (Reimbursable) # Total:

V. Office Rent (Reimbursable) [#] Total:

[#] Prepare Details as Appropriate for the Consultancy Assignment.

VI. Office Supplies, Utilities and Communication (Reimbursable)

Sl. No.	Item[*]	Months	Monthly Rate (Rs.)	Amount (Rs.)
1. 2. 3. 4.				

Total

----

[*] Prepare Details as Appropriate for the Consultancy Assignment.

VII. Office Furniture and Equipment (Reimbursable)

Sl. No.	Description[*]	Unit	Quantity	Rate (Rs.)	Amount (Rs.)
1. 2. 3. 4. 5. 6.	**Office Furniture (Purchase)**				
1. 2. 3. 4. 5. 6.	**Office Equipment (Purchase)**				
				Total	

[*] Prepare Details as Appropriate for the Consultancy Assignment.

VIII. Reports and Document Printing

Sl. No.	Description[*]	Number	No. of Copies	Rate per Copy (Rs.)	Amount (Rs.)

1. 2. 3. 4. 5.					
				Total	

IX. Topographical Surveys (if any)*

* Prepare Details as Appropriate for the Consultancy Assignment.

SECTION 5
TERMS OF REFERENCE (TOR)

5.1 Background

BNCC is taken up an ambitious plan of upgrading the arterial, sub arterial and major roads in the city with comprehensive development including improvement of carriageway. The selected roads are given in annexure-A. These roads are important urban roads connecting the city center, rapid growing residential, commercial and industrial area in Bengaluru.

5.2 Objectives

The objective of this consultancy assignment is to prepare a detailed design and engineering report for developing the project roads in to a well-defined urban roads providing fast and safe mode of travel for vehicles and public transport. The consultant shall study and recommend the improvements needed on these roads, additional facilities and infrastructure required after ascertaining through a detailed study/analysis of its technical, social and economic viability. The study will include undertaking engineering studies, project design, cost estimates, bid documents etc.

The consultant shall undertake all surveys and investigations necessary for effective planning and implementation of the project. It shall include a comprehensive corridor wise study of existing traffic situation, traffic intensity, movement pattern, available road infrastructure, road right of way, pedestrian and bicycle (NMT) demand, road geometry, topography, utility services and cost estimation. This analysis shall lead to an assessment of the magnitude of demand on proposed corridors and resultant requirement of Infrastructure.

BNCC is now desirous of obtaining Consulting Services for "Consultancy services for Preparation of Detailed Project Report (DPR) including Field survey, General and Technical Reports, Basic and Detailed drawings, and Detailed cost Estimates for "Comprehensive Development of roads drains, footpaths, Parks, sports facilities and Educational Buildings in Yelahanka Division". The BNCC intends to procure the services of a Consulting firm to undertake the assignment.

Specifically the following works are intended to be carried out on the Project Road:

- Detailed Topographical Survey
- Road inventory and pavement condition survey
- BBD /Deflect meter test and sub grade soil investigations
- Traffic volume counts and Pedestrian volume counts
- Existing R-O-W mapping (Building to Building) – cross section detailing & strip plan with entry exit mapping
- Identification of existing utility lines on survey drawing.
- Design of alignment, median, kerbs, driveway and pedestrian walk way/sidewalk,
- Pavement evaluation and design of pavement

- Proposal for Relocation of utilities and provision for utility ducts
- Road side Storm Water drains designs
- Detailed design of Junctions with plan, levels, drainage, islands, marking, etc.,
- Proposals for change in bus stop locations, design of bus lanes, bus stops, bus bays, auto bays, etc,
- Design of non-motorized traffic movements
- Proposals for pedestrian subways/skywalks
- Cost Estimation and Bill of Quantities.
- Action plan for implementation and completion of project.
- Power Point Presentation, meetings and discussions on the project at various levels
- Preparation of Technical Specifications and tender documents

List of works

Sl no	**Name of works**
1	Improvements to footpath from yelahanka police station circle to Rail wheel factory gate in ward no -02.
2	Developments of balance roads and drains at Judicial layout in ward no -04.
3	Development of balance roads of Ananthapura village areas in ward no -03.
4	Development of balance roads of Chikkabettahalli and Doddabettahalli village areas in ward no -03.
5	Development of balance roads of Maruthinagara vikasa layout and surrounding areas in ward no-01.
6	Development of balance roads of yelahanka old town areas in ward no-01 & 02.
7	Development of balance roads at Shivanahalli, surabhi layout and surrounding areas in ward no -01.
8	Additional works to Badminton court at Yelahanka 4th phase in ward no-02.
9	Development of balance parks and providing children playing and gym equipment's to various parks in ward no 01,02,03 & 04.
10	Additional works to Synik Theme park in ward no -02.
11	Additional works to Food street in ward no -04.
12	Construction of Additional Class rooms and other development works to Govt Degree Collage, PU Collage and High school buildings, Anganavadi buildings in ward 01,02,03 & 04.

5.2 DETAILED SCOPE OF SERVICES

5.3.1General

The Consultant shall perform all necessary planning, Engineering analysis, field investigations and related works as described herein with due care and diligence to attain the objectives of the study. In the conduct of his work, the Consultant shall contact the various departments for any additional

information required for the study in liaison with BNCC. The BNCC will provide the Consultant with available reports, data and services appropriate to achieving the objectives of the study. The Consultant shall be however responsible for the analysis and interpretation of all data received, undertake other studies to validate the data and give conclusions and recommendations derived from this data.

The Consultant shall perform the principal services outlined below as a part of responsibility for the preparation of Detailed Project Report. They shall provide the qualified professional staff with relevant experience to carry out the assignment. The Services will include but not be limited to the following:

5.3 Standards and Codes of Practices

All activities related to field studies, design and documentation shall be done as per the latest guidelines/ circulars of MORT&H and relevant publications of the Indian Roads Congress (IRC) and Bureau of Indian Standards (BIS). For aspects not covered by IRC and BIS, international standard practices, such as, British and American Standards may be adopted.

The Consultants, upon award of the Contract, may finalise this in consultation with BNCC and reflect the same in the inception report. Consultant should also look at international best practices and try to adopt them wherever there is scope for value addition.

5.4 Quality Assurance Plan (QAP)

The Consultants should have detailed Quality Assurance Plan (QAP) for all field studies including topographic surveys, traffic surveys, engineering surveys and investigations, design and documentation activities. The quality assurance plans/procedures for different field studies, engineering surveys and investigation, design and documentation activities should be presented as separate sections like engineering surveys and investigations, traffic surveys, soil investigations, road and pavement investigations, investigation and design of bridges & structures, drawings and documentation, preparation, checking, approval, identification and tractability of project documents etc. also, in the inception report, information shall be furnished regarding the details of personal who shall be responsible for carrying out/preparing and checking/verifying various activities forming part of surveys, designs and project preparation, since inception to the completion of work. The detailed QAP shall be part of the inception report.

5.5 Reconnaissance and Inventory

A new inventory shall be established so that the following information is available

- To carry out reconnaissance survey of the road corridor for identification of specific / typical problem areas such as tight / encroached spots, appreciation of ground constraints / situations such as at existing grade separators and identification of traffic survey location in consultation with BNCC. The detailed survey of the alignment along the identified corridor shall be done using total station and will be produced in electronic format

and hard copies containing plans, longitudinal section and Cross section shall be prepared to the scale prescribed in IRC/MORT&H Standards.

- The consultants shall be required to carry out videography of the road involved in the study. Such videography shall cover the RoW and focus on important features of the existing road.

5.6 Secondary Data collections

The Consultant shall collect necessary secondary data relevant to the project. Such information's shall include

- Right of way and Road Development Plans (road widening / Improvements, f1yovers.,subways) of the entire corridor from the relevant planning agencies;
- Existing Off-Street parking provisions in the Influence area of corridor and any new parking proposals planned;

5.7 Engineering Surveys and Investigations

5.8.1 Topographic Surveys

The basic objective of the topographic survey would be to capture the essential ground features along the alignment in order to consider improvements and for working out improvements, rehabilitation and upgrading costs. The detailed topographic surveys should normally be taken up after the completion of reconnaissance surveys.

The carrying out of topographic surveys will be one of the most important and crucial field tasks under the project. The detailed field surveys shall be carried out using high precision instruments i.e. Total stations. The data from the topographic surveys shall be available in (x, y, z) format for use in a sophisticated digital terrain model (DTM).

The detailed field surveys would essentially include the following activities:

- Topographic Surveys along the Existing Right of Way (ROW): Running a continuous open Traverse along the existing road, wherever required, and fixation of all cardinal points such as horizontal intersection points (HIP's), centre points and transit points etc. and properly referencing the same with a pair of reference pillars fixed on either side of the centre-line at safe places within the ROW.
- Collection of details for all features such as structures (bridges, culverts etc.) utilities, existing roads, electric and telephone installations (both O/H as well as underground), buildings, fencing and trees (with girth greater than 0.3 metre) oil and gas lines etc. falling within the RoW or building to building.

Longitudinal and Cross-Sections

The topographic surveys for longitudinal and cross-sections shall cover the following:

- *Longitudinal section levels along final centre line at every 25 m interval, at the locations of curve points, intersections and at the locations of change in elevation.*
- *Longitudinal section for cross roads for length adequate for design and quantity estimation purposes. (Minimum 50 m)*

Detailed Survey

Topographic survey shall collect details of all important physical features along the alignment. These features affect the project proposals and should normally include buildings and structures, monuments, burial grounds, cremation grounds, places of worship, railway lines, stream / river / canal, water mains, severs, gas/ oil pipes, crossings, trees, plantations, utility services such as electric, and telephone lines and poles, optical fibre cables (OFC) etc. The survey would cover the entire right-of-way of the road on the adequate allowance for possible shifting of the central lines at some of the intersections locations.

The information collected during reconnaissance and field surveys shall be shown on a strip plan so that the proposed improvements can be appreciated and utility removals of each type etc. assessed and suitable actions can be initiated. Separate strip plan for each of the services involved shall be prepared for submission/coordination with the concerned agency.

5.8.2 BBD Survey

A Benkelman Beam deflection (BBD)/Deflectometer survey shall be carried out in accordance with IRC:81- 1997, test points to be at 100m interval excepting in stretches where more readings are required.

- Survey should be conducted for 100m of intervals for each 3.5 m carriage way.
- Temperature Reading of pavement for every one hour of interval of time.
- Soil sample collection for every 1.0 km intervals staggered.

The BBD survey shall not be carried out on badly damaged sections. Instead test pits shall be dug on each section not exceeding 100m length to a depth of minimum 500 mm below sub-grade level. The pavement layer types and thickness shall be recorded and tests shall be made on samples taken from the bottom of the pit, Regular test pits as required by the BBD survey shall be dug at the edge of the road, so as to record layer types and thickness in both carriageway and shoulder. Such test pits shall be located next to a BBD test location. The interval of such test pits shall be 1 Km as specified by IRC: 81 which shall include:

- Atterberg Limits and Grain Size
- In situ density and moisture content
- Laboratory CBR (4 days soaked at three energy levels)
- Swelling Index

5.8.3 Road and Pavement Investigations

The Consultants shall carry out detailed field studies in respect of road and pavement. The data collected through road inventory and pavement

investigations should be sufficient to meet the design requirements as per the relevant IRC codes.

Pavement Composition

The data concerning the pavement composition may be already available with the BNCC. However, the consultants shall make trial pits to ascertain the pavement composition.

For each test pit, the following information shall be recorded: test pit reference (Identification number, location): pavement composition (material type and thickness); and subgrade type (textural classification) and condition (dry, wet)

Road and Pavement Condition Surveys

i) Detailed field studies shall be carried out to collect road and pavement surface conditions.

The data should generally cover: pavement condition (surface distress type and extent); shoulder condition; embankment condition; and drainage condition

Pavement

. *cracking (narrow and wide cracking), % of pavement area affected*;

. *raveling, % of pavement area affected*;

. *potholing, % of pavement area affected*;

. *edge break, length (m); and*,

. *rut depth, m*m

Shoulder

. *Paved: Same as for pavemen*t
. *Unpaved: material loss, rut depth and corrugation*,
. *Edge drop, mm*

- *The objective of the road and pavement condition surveys shall be to identify defects and sections with similar characteristics. All defects shall be systematically referenced, recorded and quantified for the purpose of determining the mode of rehabilitation.*
- *The pavement condition surveys shall be carried out using visual means. Supplemented by actual measurements and in accordance with IRC 82, 37, and relevant codes.*
- *The shoulder and embankment conditions shall be evaluated by visual means and the*
- *existence of distress modes (cuts, erosion marks, failure, drops) and extent (none, moderate, frequent and very frequent) of such distress manifestations would be recorded.*
- *For sections with severe distresses, additional investigations as appropriate shall be carried out to determine the cause of such distresses.*

5.8.4 Soil Investigation

Test pits shall be dug along road sections, which require widening. The minimum distance within such sections shall be 500 mts, closer intervals shall be used where swelling soils and others unsuitable soils appear to be present. Test pits shall be 1.0m X 1.0m and shall be dug to 1.5m depth. The soil strata shall be recorded, and samples taken at 1.0m depth shall be tested as follows:

- Atterberg Limits and Grain Size
- In situ density and moisture content
- Laboratory CBR (4 days soaked at three energy levels)
- Swelling Index

5.8.5 Drainage study

The capacity of existing cross drainages may have to be augmented. Replacement of existing pipe culverts with inadequate cushion may also be required. The Consultants shall furnish suitable design for Storm Water Drains wherever required. The method of disposal of storm water shall be clearly spelt out. Hydraulic parameters, L sections of Storm Water Drain indicating invert level of drain and the culverts shall be furnished. Any surplus flow beyond the capacity of road side drains may be carried out by storm water bye passes. Such bye pass canals may be designed and provided for. The point of disposal of Storm Water shall be identified and suitable lead off channels shall be provided wherever required.

5.8 Detailed Design of Roadway and Pavements, drainage and traffic furniture

5.9.1 General

The Consultants shall carryout detailed designs and prepare working drawings for the following:

- *design of the pavement, paved shoulders, medians, sidewalk;*
- *prepare alignment plans and vertical profile*
- *designs for road furniture and road safety/traffic control features;*
- ***o*** *drainage design showing location of road side drawings, inlets, kerbs, etc.*
- *cross drainage structures plan with drawings if changes required as per the investigation conducted*

Based on the traffic studies, and geotechnical investigations, the Consultant shall design white topping for main carriageway and also recommend pavement type and crust thickness necessary for other areas of project like, bus bays, parking areas footpaths, junctions, etc.,

The Consultant shall carry out the following activities:

i) Analyse all data collected and all available field survey data.
ii) Prepare designs for:
    - Roads and parking areas

- Shoulder treatments
- Junction improvements

This will inter alia include:

Definition of geometric design criteria and typical cross sections. The need for no. of lanes shall be determined based on projected traffic so that peak hour traffic on the road after 20 years of service will flow at service level E (volume / capacity ratio less than 0.92).

New pavement design shall be in accordance with IRC codes including MOST / ADB addendum expanding the design traffic range.

The requirements of bridge and CD works shall be identified and suitable GADs shall be prepared with all structural designs as per relevant IRC standards, and typical drawings shall be shown for the various types of CD works.

Detailed design of junctions shall be prepared for safe and efficient movement of vehicles.

5.9.2 Roadway Improvement plans

- Project road shall have uniform lanes and cross section features. Hence the design of geometric elements shall, therefore, take into account the essential requirements of such facilities.
- Based on the data collected from reconnaissance and topographic surveys, the sections with geometric deficiencies, if any, should be identified and suitable measures for improvement should be suggested for implementation.
- Design of bus lanes and means of physical segregation of bus lanes, Location of bus Stops and areas served by each, design bus shelter and platform
- All major junctions shall be designed and provided with channelizing islands, storage lanes, free left turns, proper cross fall, drainage, etc
- Proposals for flyovers, interchange points, skywalks and wherever considered necessary shall be recommended, no designs are involved under this study, only recommendations be made with type and location.
- Type of road surface/pavement design for the bus lanes and the rest of the road, making
  adequate provision for all types of fast moving and slow moving vehicles including bicycles and pedestrians Road signs design, detained road marking plan with lane marking zebra crossing, stop line etc.

5.9.3Traffic engineering and management measures

- Study of existing traffic management measures in terms of one-way street measures, type of traffic control measures at all intersections shall be made.
- Design necessary traffic arrangement measures by way of restriction, regulation, banning, shifting & spreading awareness;

- Prepare plan for traffic signs and road-marking for the corridor;
- Suggest traffic improvement measures along the proposed roads.

5.9.4 Design of Bridges and CD Structures

Based on the investigations carried out detailed designs shall be prepared for all components of structures. The design must satisfy the conditions laid in relevant IRC codes and based on sound engineering practices.

- The consultant shall prepare GAD of bridges and other CD structures proposed to be constructed/reconstructed / widened.
- The salient features of the structures such as type, proposed span arrangement, (based upon hydraulic and geotechnical studies), cost effectiveness may be furnished in the preliminary proposals for approval by BNCC.

5.9.5 Arboriculture and Landscaping

The consultant shall propose a suitable landscape and beautification plan in consultation with client. The cost of landscaping shall be included in the cost estimate as a separate item.

- The existing trees and plants shall be retained to the extent possible. The consultant shall endeavour to avoid cutting of trees for the improvement works as far as possible, however if it is inevitable the consultant will identify trees required to be cut to implement the work and suitable alternatives including transplantation shall be explored and the cost accordingly estimated.
- The consultant shall prepare detailed estimate for lighting the road.
- The consultants shall provide appropriate plan for planting of trees at the edge of ROW. Planting flowering plants and shrubs in the median, planter strip and islands may also be suggested.

5.9.6 Utility shifting

All details of utility lines should be captured in survey. Details of utilities to be shifted or relaid shall be identified and the same shall be marked on the Drawings to enable submission to the respective utility providers for further actions. All coordination and assistance required in this aspect shall be provided by the consultant.

5.10 Cost Estimation

5.10.1 Cost Estimates

The Consultant shall develop cost estimates based on Bill Of Quantities (BOQ) within a level of accuracy of plus/minus 10 percent of true cost. The base prices shall be based on updated Schedule of rates applicable to Bangalore. Provision shall be made for items such as relocation of utilities, contingencies, supervision and third party inspections etc. as per BNCC procedures.

5.10.2 Technical Specifications

The Consultant shall develop technical specifications for all the works including specifications for materials and methods of work, including e.g. specifications for pavement sub-base, base and surface materials, materials for structures, concrete and concrete mix materials. The Consultant will take into account the Ministry of Surface Transport Road Works Specifications, make modifications where appropriate, based on careful assessment of locally available materials and will determine the technically acceptable and the most cost-effective technical specifications and construction/improvement methods.

5.11 Project implementation strategy

The consultant shall prepare a implementation strategy coming out with construction packages and phases of implementation with practical timelines and milestones. The implementation strategy must also include traffic diversion plans, rerouting of the traffic and phasing of the works to ensure that least disturbance for the traffic and establishments shall be caused.

Best available current practices and construction methods in the world shall be studied and recommended on these aspects. A presentation must be made to BNCC on this and obtain approval for the implementation of modern construction methods.

5.12 Deliverables

Following Project Reports and Drawings are to submitted in four sets in hard copy and one soft copy in a CD.

- Traffic survey results and findings
- Strip plan of the corridors highlighting important features and engineering works
- Geometrical design drawings of alignment with necessary details
- Engineering design of all features associated with the project.
- Construction methods and commissioning schedule
- Cost Estimates and BOQs
- Junction designs
- Typical cross–section with details of pavement design, lanes for various types of traffic, pedestrian walk-way, drains, trees, street-light poles, medians, bus shelters, etc.
- Structural Drawings for culverts, bridges and other structures

6.0 Reports, Time Schedule and Payment Schedule

6.01 Contract Schedule

The consultancy services for Preparation of Detailed Project report for the said project roads will be required for a period of one week.

6.02 **Schedule of Reports**

The Consultant shall prepare and submit four (4) copies of each of the following reports and documents (in English) to BNCC.

6.03 **Contents of Reports**

a. Inception Report

a. The Report should indicate the consultants methodology for work plan and deliverables

b. Draft Detailed Project Report

a. The Report should summarise the findings, analysis, results and recommendations of the study, design and shall cover all the aspects as per the Scope of the work.

b. The Consultant shall submit this report within the time schedule indicated to the BNCC for review and comments

c. Final Detailed Project report

The Final Detailed Project report should incorporate all the suggestions and comments of BNCC.

6.4 Time Schedule

The Time Schedule shall be as follows

- Commencement of services ----- 3 days From the date of agreement Agreement
- Draft Project report ----- 2 weeks
- Final Detailed Project Report ----- 1 week

7.0 Key Professionals for the required Services

The assignment requires a qualified team of professionals, the requirements are already given in data sheet.

8.0 Obligations of the Client

8.1 Documents

The BNCC shall provide the Consultant with copies of all data and reports available and considered relevant to the execution of Consultant's work and liaison with other departments for access of information and data.

8.2 Liaison and Access

The BNCC shall provide liaison with other Government agencies and Departments for the introduction of the Consultant. The Consultant shall be given unhindered access to the relevant agencies / Departments in order to complete the project successfully.

9 Specific Responsibilities of the Consultant

- The Consultant shall be fully responsible for collecting data and information from the Government agencies.
- All information, data and reports obtained from these agencies in the execution of the services shall be properly reviewed and analysed by the Consultant.

10 Payment schedule

I. 10% of Contract price: on submission of inception report

II. 40% of Contract Price: On submission of draft project Report

III. 35% of Contract Price: On submission of Final Report

IV. 10% of Contract Price: On submission of specifications and BoQ

V. 5% of Contract Price: upon completion of tender evaluation.

11 Disputes if any:

Dispute if any, between the client and the Consultant, the decision of the commissioner, BNCC, Bangalore is final and binding on both the Client and Consultant.

SECTION 6

CONTRACT FOR CONSULTANT'S SERVICES

Between

_____
Executive Engineer
Yelahanka Division, BNCC

[Name of the Employer]

and

_____

[Name of Consultants]

Date:

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I. FORM OF CONTRACT

This CONTRACT (hereinafter called the "Contract") is made the _____ day of the month of _____, 200___ , between, on the one hand, _____ (hereinafter called the "Employer") and, on the other hand, _____(hereinafter called the "Consultants").
[*Note: If the Consultants consist of more than one entity, the above should be partially amended to read as follows:
“.....(hereinafter called the "Employer") and, on the other hand, a joint venture consisting of the following entities, each of which will be jointly and severally liable to the Employer for all the Consultants' obligations under this Contract, namely, _____ and _____ (hereinafter called the "Consultants.")”]

WHEREAS

a. The Employer has requested Consultant to provide certain Consulting Services as defined in the General Conditions of Contract attached to this Contract (hereinafter called the “Services”).
b. The Consultant, having represented to the Employer that they have the required Professional Skills, and Personnel and Technical Resources, have agreed to provide the Services on the Terms and Conditions set forth in this Contract.

NOW THEREFORE the Parties hereto hereby agree as follows:

1. The following Documents attached hereto shall be deemed to form an Integral Part of this Contract.
   a. The General Conditions of Contract (hereinafter called “GC”);
   b. The Special Conditions of contract (hereinafter called “SC”);
   c. The following Appendices:
      Appendix A: Description of the Services
      Appendix B: Reporting Requirements
      Appendix C: Key Personnel and Sub consultants
      Appendix D: Services and Facilities to be provided by the Employer
      Appendix E: Breakdown of Contract Price
      Appendix F: Form of bank Guarantee for Advance payments

[*Note: If any of these Appendices are not used, the words* “Not Used” *should be inserted below next to the title of the Appendix on the Sheet attached hereto carrying the title of that Appendix.*]

2. The Mutual Rights and Obligations of the Employer and the Consultant shall be as set forth in the Contract, in particular:
   a. The Consultant shall carry out the Services in accordance with the Provisions of the Contract; and
   b. The Employer shall make Payments to the Consultant in accordance with the Provisions of the Contract.

IN WITNESS WHEREOF, the Parties hereto have caused this Contract to be singed in their Respective Names as of the day and year first above written.

FOR AND ON BEHALF OF

[NAME OF EMPLOYER]
By
(Authorized Representative)

FOR AND ON BEHALF OF
[NAME OF CONSULTANT]
By
(Authorized Representative)

II. GENERAL CONDITIONS OF CONTRACT

1.0 GENERAL PROVISIONS

1.1 Definitions

Unless the Context otherwise requires, the following Terms whenever used in this Contract have the following meanings:

a. "Applicable Law" means the Laws and any other Instruments having the Force of Law in India, as they may be issued and in force from time to time.
b. "Contract" means the Contract signed by the Parties, to which these General Conditions of Contract (GC) are attached, together with all the Documents listed in Clause 1 of such signed Contract.
c. "Effective Date" means the Date on which this Contract comes into Force and Effect pursuant to Clause 2.1 of GC.
d. "Contract Price" means the Price to be paid for the Performance of the Services, in accordance with Clause 6 of GC.
e. "GC" means the General Conditions of Contract.
f. "Government" means the Government of Karnataka.
g. "Local Currency" means Indian Rupees.
h. "Member", in case the Consultant consists of a Joint Venture of more than one Entity, means any of these Entities, and "Members" means all of these Entities; 'Member in Charge' means the Entity specified in the SC to act on their behalf in exercising all the Consultant's Right and Obligations towards the Employer under this Contract.
i. "Party" means the Employer or the Consultant, as the case may be, and Parties means both of them.
j. "Personnel" means Persons hired by the Consultant or by any Sub Consultant as Employees and assigned to the Performance of the Services or any part thereof; and 'Key Personnel' means the Personnel referred to in Clause 4.2 (a) of GC.
k. "SC" means the Special Conditions of Contract by which these General Conditions of Contact may be amended or supplemented.
l. "Services" means the Work to be performed by the Consultants pursuant to this Contract as described in Appendix A.
m. "Sub Consultant" means any Entity to which the Consultant subcontracts any Part of the Services in accordance with the provisions of Clauses 3.5 and 4.
n. 'Third party" means any Person or Entity other than the Government, the Employer, the Consultant, or a Sub Consultant.

1.2 Law Governing the Contract

This Contract, its Meaning and Interpretation, and the Relation between the Parties shall be governed by the Applicable Law.

1.3 Language

This Contract has been executed in English Language, which shall be the Binding and Controlling Language for all Matters relating to the Meaning or Interpretation of the Contract.

1.4 Notices

Any Notice, Request or Consent made pursuant to this Contract shall be in writing and shall be deemed to have been made when delivered in person to an authorized representative of the Party to whom the communication is addressed, or when sent by registered mail, telex, telegram or fax to such Party at the address specified in the SC.

1.5 Location

The Services shall be performed at such Locations as are specified in Appendix A and when the Location of a Particular Task is not specified, the Employer may approve such Locations whether in Karnataka or elsewhere.

1.6 Authorized Representatives

Any Action required or permitted to be taken, any Document required or permitted to be executed, under this Contract by the Employer or the Consultant may be taken or executed by the Officials specified in the SC.

1.7 Taxes and Duties

The Consultant, Sub consultant and their Personnel shall pay such Taxes, Duties, Fees and other Impositions as may be levied under the Applicable Law, the Amount of which is deemed to have been included in the Contract Price.

2.0 Commencement, Completion, Modification and Termination of Contract

2.1 Effectiveness of Contract

This Contract shall come into Effect either on the Date when the Contract is signed by both the Parties or on such other Date as may be stated in the SC.

2.2 Commencement of Services

The Consultant shall begin carrying out the Services within seven (7) days after the Date the Contract becomes Effective, or at such other Date as may be specified in the SC.

2.3 Expiration of Contract

Unless terminated earlier pursuant to Clause 2.7, this Contract shall terminate at the end of such time period after the Effective Date as is specified in the SC.

2.4 Modification

Modification of the Terms and Conditions of this Contract, including any Modification of the Scope of the Services or of the Contract Price, may only be made by Written Agreement between the Parties.

2.5 Force Majeure

2.5.1 Definition

For the purposes of this Contract, “Force Majeure” means an Event which is beyond the reasonable Control of a Party, and which makes a Party’s Performance of its Obligations under the Contract impossible or so impractical as to be considered impossible under the circumstances.

2.5.2 No Breach of Contract

The Failure of a Party to full fill any of its Obligations under the Contract shall not be considered to be a Breach of, or Default under this Contract so far as such Inability arises from an Event of Force Majeure, provided that the Party affected by such an event (a) has taken all Reasonable Precautions, Due Care and Reasonable Alternative Measures in order to carry out the Terms and Conditions of this Contract, and (b) has informed the other Party as soon as possible about the Occurrence of such an Event.

2.5.3 Extension of Time

Any Period, within which a Party shall, pursuant to this Contract, complete any Action or Task, shall be extended for a Period equal to the time during which such Party was unable to perform such Action as a Result of Force Majeure.

2.5.4 Payments

During the Period of their Inability to Perform the Services as a Result of an Event of Force Majeure, the Consultant shall be entitled to continue to be paid under the Terms of this Contract, as well as to be reimbursed for Additional Costs reasonably and necessarily incurred by him during such period for the purposes of the Services and in reactivating the Service after the end of such period.

2.6 Suspension

The Employer may by Written Notice of Suspension to the Consultants, suspend all Payments to the Consultant hereunder if the Consultant fail to perform any of his Obligations under this Contract, including the carrying out of the Services, provided that such Notice of Suspension (i) shall specify the Nature of the Failure, and (ii) shall request the Consultant to remedy such Failure within a period not exceeding thirty (30) days after receipt by the Consultant of such Notice of Suspension.

2.7 Termination

2.7.1 By the Employer

The Employer may terminate this Contract, by not less than thirty (30) days' Written Notice of Termination to the Consultants, to be given after the Occurrence of any of the Events specified in Paragraphs (a) through (d) of this Clause 2.7.1 and sixty (60) days in the case of the Event referred to in (e).

a. If the Consultant does not remedy a Failure in the Performance of his Obligations under the Contract, within thirty (30) days of receipt after being notified or within such further period as the Employer may have subsequently approved in writing.
b. If the Consultant (or any of their Members) becomes insolvent or bankrupt.
c. If, as the result of Force Majeure, the Consultant is unable to perform a Material Portion of the Services for a period of not less than sixty (60) days ; or
d. If the Consultant, in the Judgment of the Employer has engaged in Corrupt or Fraudulent Practices in competing for or in executing the Contract.

For the purpose of this Clause

i. "Corrupt Practice" means the Offering, Giving, Receiving or Soliciting of anything of value to influence the Action of a Public official in the selection process or in contract execution.

ii. "Fraudulent Practice" means a Misrepresentation of Facts in order to influence a Selection Process or the Execution of a Contract to the detriment of the Employer, and includes Collusive Practice among Consultants (prior to or after Submission of Proposals) designed to establish Prices at Artificial, Non Competitive Levels and to deprive the Employer of the Benefits of Free and Open Competition.

e. If the Employer, in its sole discretion and for any Reason whatsoever, decides to terminate this Contract.

2.7.2 By the Consultant

The Consultant may terminate this Contract, by not less than thirty (30) days' Written Notice to the Employer, such Notice to be given after the Occurrence of any of the Events specified in Paragraphs (a) through (c) of this Clauses 2.7.2.

a. If the Employer fails to pay any monies due to the Consultant pursuant to this Contract and not subject to Dispute pursuant to Clause 7.0 hereof within forty five (45) days after receiving Written Notice from the Consultant that such Payment is overdue.
b. If the Employer is in Material Breach of its Obligations pursuant to this Contract and has not remedied the same with in forty five (45)

days (or such longer period as the Consultant may have subsequently approved in Writing) following the Receipt by the Employer of the Consultant's Notice specifying such Breach.

c. If, as the Result of Force Majeure, the Consultant is unable to perform a Material Portion of the Services for a Period of not less than sixty (60)days.

2.7.3 Cessation of Rights and Obligations

Upon Termination of this Contract pursuant to Clause 2.7, or upon expiration of this Contract pursuant to Clause GC 2.3, all Rights and Obligations of the Parties hereunder shall cease except

i. Such Rights and Obligations as may have occurred on the Date of Termination or Expiration.
ii. The Obligation of Confidentiality set forth in Clause GC 3.3 hereof.
iii. Any Right which a Party may have under the Applicable Law.

2.7.4 Cessation of Services

Upon Termination of this Contract by Notice of either Party to the other pursuant to Clause GC 2.7.1 or GC 2.7.2 hereof, the Consultant shall, immediately upon dispatch or receipt of such notice, take all Necessary Steps to bring the Services to a close in a prompt and orderly manner and shall make every Reasonable Effort to keep Expenditures for this purpose to a minimum. With respect to Documents prepared by the Consultant and Equipment and Materials furnished by the Employer, the Consultant shall proceed as provided, respectively, by Clauses GC 3.7 and GC 3.8.

2.7.5 Payment upon Termination

Upon Termination of this Contract pursuant to Clauses 2.7.1 and 2.7.2, the Employer shall make the following payments to the Consultant.

a. Remuneration pursuant to Clause 6.0 for Services satisfactorily performed prior to the Effective Date of Termination.
b. Except in the case of Termination pursuant to paragraphs (a) and (b) of Clause 2.7.1, Reimbursement of any reasonable cost incident to the prompt and orderly termination of the Contract.

3.0 Obligations of the Consultant

3.1 General

The Consultant shall perform the Services and carry out his Obligations hereunder with all due Diligence, Efficiency and Economy, in accordance with generally accepted Professional Techniques and Practices, and shall observe Sound Management Practices, and employ Appropriate Advanced Technology and Safe Methods. The Consultant shall always act, in respect of any Matter relating to this Contract or to the Services, as Faithful Advisers to the Employer, and shall at all times support and safeguard the Employer's legitimate interests in any dealings with Sub Consultants or Third Parties.

3.2 Conflict of Interests

3.2.1 Consultant not to benefit from Commissions, Discounts, etc.

The Remuneration of the Consultant pursuant to Clause 6.0 shall constitute the Consultant's Sole Remuneration in connection with this Contract or the Services, and the Consultant shall not accept for his own benefit any Trade Commission, Discount or similar Payment in connection with Activities pursuant to this Contract or to the Services or in the Discharge of their Obligations under the Contract, and the Consultants shall use their best Efforts to ensure that the Personnel, any Sub Consultants, and Agents of either of them, similarly shall not receive any such Additional Remuneration.

3.2.2 Procurement Rules of Funding Agencies

If the Consultant, as part of the Services, have the Responsibility of advising the Employer on the Procurement of Goods, Works or Services, the Consultant shall comply with any Applicable Procurement Guidelines of the Funding Agencies and shall at all times exercise such Responsibility in the best interest of the Employer. Any Discounts or Commissions obtained by the Consultant in the exercise of such Procurement Responsibility shall be for the Account of the Employer.

3.2.3 Consultant and Affiliates not to engage in certain Activities

The Consultant agrees that, during the Term of this Contract and after its Termination, the Consultant and his Affiliates, as well as any Sub Consultant and any of its Affiliates, shall be disqualified from providing Goods, Works or Services (other than the Services and any Continuation thereof) for any Project resulting from or closely related to the Services.

3.2.4 Prohibition of Conflicting Activities

Neither the Consultant nor his Sub Consultants nor the Personnel shall engage, either directly or indirectly, in any of the following Activities.

a. During the Term of this Contract, any Business or Professional Activities in the Government's Country which would conflict with the Activities assigned to him under this Contract; or
b. After the Termination of this Contract, such other Activities as may be specified in the SC.

3.3 Confidentiality

The Consultant, his Sub Consultants, and the Personnel of either of them shall not, either during the Term or within two (2) years after the Expiration of this Contract, disclose any Proprietary or Confidential Information relating to the Project, the Services, this Contract, or the Employer's Business or Operations without the Prior Written Consent of the Employer.

3.4 Insurance to be taken out by the Consultant

The Consultants (a) shall take out and maintain, and shall cause any Sub Consultants to take out and maintain at their (or the Sub Consultant's, as the case may be) own cost but on terms and conditions approved by the Employer, Insurance against the Risks, and for the Coverage, as shall be specified in the SC; and (b) at the Employer's Request, shall provide evidence to the Employer showing that such Insurance has been taken out and maintained and that the current premiums have been paid.

3.5 Consultant's Actions requiring Employer's Prior Approval

The Consultant shall obtain the Employer's Prior approval in Writing before taking any of the following Actions.

a. Entering into a Subcontract for the Performance of any Part of the Services, it being understood (i) that the Selection of the Sub Consultant and the Terms and Conditions of the Subcontract shall have been approved in Writing by the Employer prior to the Execution of the Subcontract, and (ii) that the Consultant shall remain fully Liable for the Performance of the Services by the Sub Consultant and its Personnel pursuant to this Contract.
b. Appointing such Members of the Personnel not listed by name in Appendix C ("Key Personnel and Sub Consultants"), and
c. Any other Action that may be specified in the SC.

3.6 Reporting Obligations

The Consultant shall submit to the Employer the Reports and Documents specified in Appendix B in the Form, in the Numbers, and within the Periods set forth in the said Appendix.

3.7 Documents prepared by the Consultant to be the Property of the Employer

All Plans, Drawings, Specifications, Designs, Reports and other Documents and Software submitted by the Consultant in accordance with Clause 3.6 shall become and remain the Property of the Employer, and the Consultant shall, not later than upon Termination or Expiration of this Contract, deliver all such Documents and Software to the Employer, together with a Detailed Inventory thereof. The Consultant may retain a Copy of such Documents and Software. Restrictions about the future use of these Documents, if any, shall be specified in the SC.

3.8 Equipment and Materials furnished by the Employer

Equipment and Materials made available to the Consultant by the Employer or purchased by the Consultant with Funds provided by the Employer shall be the property of the Employer and shall be marked accordingly. Upon Termination or Expiration of this Contract, the Consultant shall make available to the Employer in accordance with the Employer's Instructions. While in possession of such Equipment

and Materials, the Consultant, unless otherwise instructed by the Employer in writing, shall insure them at the Expense of the Employer in an amount equal to their Replacement Value.

4.0 Consultant's Personnel and Sub Consultants

4.1 Description of Personnel

The Titles, Agreed Job Descriptions, Minimum Qualifications and Estimated Periods of Engagement in carrying out of the Services of the Consultant's Key Personnel are described in Appendix C. The Key Personnel and Sub Consultants listed by Title as well as by Name in Appendix C are hereby approved by the Employer.

l and / or Replacement of Personnel

a. Except as the Employer may otherwise agree, no changes shall be made in the Key Personnel. If for any Reason beyond the Reasonable Control of the Consultant, it becomes necessary to replace any of the Key Personnel, the Consultant shall forthwith provide as a Replacement a Person of Equivalent or Better Qualifications.
b. If the Employer finds that any of the Personnel have (i) committed Serious Misconduct or has been charged with having committed a Criminal Action, or (ii) have Reasonable Cause to be dissatisfied with the Performance of any of the Personnel, then the Consultant shall, at the Employer's Written Request specifying the Grounds therefore, forthwith provide as a Replacement a person with Qualifications and Experience acceptable to the Employer.
c. The Consultant shall have no Claim for Additional Costs arising out of or incidental to any Removal and / or Replacement of Personnel.

5.0 Obligations of the Employer

5.1 Assistance and Exemptions

Unless otherwise specified in the SC, the Employer shall use its best efforts to ensure that the Government shall

a. Issue to Officials, Agents and Representatives of the Government all such Instructions as may be Necessary or Appropriate for the Prompt and Effective Implementation of the Services.
b. Assist the Consultant and the Personnel and any Sub consultants employed by the Consultants for the Services from any Requirement to register or obtain any Permit to practice their Profession or to establish themselves either individually or as a Corporate Entity according to the Applicable Law.
c. Provide to the Consultant, Sub Consultants and Personnel any such other Assistance as may be specified in the SC.

5.2 Services and Facilities

The Employer shall make available to the Consultant and its Personnel, for the Purposes of the Services and Free of any Charge, the Services, Facilities and Property described in Appendix D at the time and in the manner specified in said Appendix D, provided that if such Services, Facilities and Property shall not be made available to the Consultants as and when so spec bified, the Parties shall agree on (i) any Time Extension that it may be appropriate to grant to the Consultant for the Performance of the Services, (ii) the Manner in which the Consultant shall procure any such Services, Facilities and Property from other Sources, and (iii) the Additional Payments, if any, to be made to the Consultants as a result thereof.

6.0 Payment to the Consultant

6.1 Lump Sum Remuneration

The Consultant's Total Remuneration shall not exceed the Contract Price and shall be a Fixed Lump Sum including all Staff Costs, Sub Consultants' Costs, Printing, Communications, Travel, Accommodation, and the like, and all other Costs incurred by the Consultant in carrying out the Services described in Appendix A. Except as provided in Clause 5.2, the Contract Price may only be increased above the amounts stated in clause 6.2 if the Parties have agreed to Additional Payments in accordance with Clause 2.4.

6.2 Contract Price

The Contract Price is set forth in the SC.

6.3 Payment for Additional Services

For the Purpose of Determining the Remuneration due for Additional Services as may be agreed under Clause 2.4, a Breakdown of the Lump Sum Price is provided in Appendices D and E.

6.4 Terms and Conditions of Payment

Payment will be made to the Account of the Consultant and according to the Payment Schedule stated in the SC unless otherwise stated in the SC, the First Payment shall be made against the provision by the Consultant of a Bank Guarantee for the same amount, and shall be valid for the Period stated in the SC. Any other Payment shall be made after the Conditions listed in the SC for such Payment have been met, and the Consultant has submitted an Invoice to the Employer specifying the amount due.

6.5 Interest on Delayed Payments

Deleted.

7.0 Settlement of Disputes

7.1 Amicable Settlement

The Parties shall use their best efforts to settle amicably all Disputes arising out of or in connection with this Contract or its Interpretation.

7.2 Dispute Settlement

Any Dispute between the Parties as to matters arising pursuant to this Contract that cannot be settled amicably within thirty (30) days after Receipt by one Party of the other Party's request for such Amicable Settlement may be submitted by either party for Settlement in accordance with the Provisions specified in the SC.

III. SPECIAL CONDITIONS OF CONTRACT

GC Clause Reference	
1.1 (h)] Yelahanka Division,	The Member in Charge is Executive Engineer, BNCC
1.4]	The Addresses are:
	Employer :
	Attention : _____
	Telex : _____
	Fax : _____
	E – mail : _____

Consultant : _____

_____

_____

Attention : _____
Telex : _____
Fax : _____
E – mail : _____

Notice shall be deemed to be effective as follows:

a. In the case of Personal Delivery or Registered Mail, on delivery.
b. In the case of Telex / E – mail, 24 hours following Confirmed Transmission.
c. In the case of Telegrams, 24 hours following Confirmed Transmission and
d. In the case of Facsimiles, 24 hours following Confirmed Transmission.

1.6] The Authorized Representatives are:

For the Employer:

For the Consultant:

1.7] The Consultant and its Personnel shall pay the Taxes, Duties, Fees, Levies and other Impositions levied under the Existing, Amended or Enacted Laws during the Life of this Contract and the Employer shall perform such Duties in regard to the Deduction of such Taxes as may be lawfully imposed.

However, the Consultancy Service Tax payable for this Consultancy Services shall be paid / reimbursed by the Employer separately as per the prevailing rate.

2.1] The Date on which this Contract shall come into Effect is: The Date of Agreement.

2.2] Commencement of Services shall be as mentioned in the GC.

2.3] Expiration of Contract shall be at the end of Defect Liability Period.

3.4] The Risks and the Coverages shall be:

1. Third Party Motor Vehicle Liability Insurance as

required under Motor Vehicles Act, 1988, in respect of motor vehicles operated in India by the Consultants or their Personnel or any Sub Consultants or their Personnel, for the period of Consultancy;

2. Third Party Liability Insurance, with a Minimum Coverage for
   Rs. 2,00, 000/- for the Period of Consultancy;

3. Employer's Liability and Workers' Compensation Insurance in respect of the Personnel of the Consultants and of any sub Consultant, in accordance with the Relevant Provisions of the Applicable Law, as well as, with respect to such Personnel, any such Life, Health, Accident, Travel or other Insurance as may be appropriate;

4. Professional Liability Insurance, with a Minimum Coverage equal to total Contract Value for this Consultancy; and

5. Insurance against Loss of or damage to (i) Equipment purchased in whole or in part with Funds provided under this Contract (ii) the Consultant's Property used in the Performance of the Services, and (iii) any Documents prepared by the Consultant in the Performance of the Services.

3.7] The Consultant shall not use these documents for purposes unrelated to this Contract without the prior written approval of the Employer.

5.1 (c)] Deleted.

6.2] The Amount of Contract is Rs. _____.

6.4] Payment Schedule

I. 10% of Contract price: on submission of inception report
II. 40% of Contract Price: On submission of draft project Report
III. 35% of Contract Price: On submission of Final Report
IV. 10% of Contract Price: On submission of specifications and BoQ
V. 5% of Contract Price: upon completion of tender evaluation.

The Payment shall be made within 60 days of Receipt of the Invoice and within 90 days in the case of the Final Payment.

7.2] Disputes shall be settled by Arbitration in accordance with the following provisions.

7.2.1] Selection of Arbitrators

Each Dispute submitted by a Party to Arbitration shall be heard by a Sole Arbitrator or an Arbitration Panel composed of three Arbitrators, in accordance with the following provisions.

a. Where the Parties agree that the Dispute concerns a Technical Matter, they may agree to appoint a Sole Arbitrator or, failing Agreement on the identity of such Sole Arbitrator within thirty (30) days after Receipt by the other Party of the Proposal of a Name for such an Appointment by the Party who initiated the Proceedings, either Party may apply to the President, Institution of Engineers India, New Delhi; the President, Indian Road Congress (Roads and Bridge Works), New Delhi, for a List of not fewer than five Nominees and, on receipt of such list, the Parties shall alternately strike names there from, and the Last Remaining Nominee on the list shall be the Sole Arbitrator for the Matter in Dispute. If the Last Remaining Nominee has not been determined in this manner within sixty (60) days of the Date of the List, the President, Institution of Engineers India, New Delhi; the President, Indian Road Congress (Roads and Bridge Works), New Delhi shall appoint, upon the Request of either Party and from such List or otherwise, a Sole Arbitrator for the matter in dispute.
b. Where the Parties do not agree that the Dispute concerns a Technical Matter, the Employer and the Consultant shall each appoint one Arbitrator and these two Arbitrators shall jointly appoint a Third Arbitrator, who shall chair the Arbitration Panel. If the Arbitrators named by the Parties do not succeed in appointing a Third Arbitrator within thirty (30) days after the latter of the Two Arbitrators named by the Parties have been appointed, the Third Arbitrator shall, at the Request of either Party, be appointed by Secretary, the Indian Council of Arbitration, New Delhi.
c. If in a Dispute subject to Clause SC 7.2.1 (b), one Party fails to appoint its Arbitrator within thirty (30) days after the other Party has appointed its Arbitrator, the Party which has named an Arbitrator may apply to the Secretary, Indian Council of Arbitration, New Delhi, to appoint a Sole Arbitrator for the Matter in Dispute, and the Arbitrator appointed pursuant to such Application shall be the Sole Arbitrator for the Dispute.

7.2.2 Rules of Procedure

Arbitration Proceedings shall be conducted in accordance with the Procedure of the Arbitration and Conciliation act 1996, of India.

7.2.3 Substitute Arbitrators

If for any reason an Arbitrator is unable to perform his Function, a Substitute shall be appointed in the same manner as the Original Arbitrator.

7.2.4 Qualifications of Arbitrators

The Sole Arbitrator or the Third Arbitrator appointed pursuant to Paragraphs (a) through (c) of Clause 7.2.1 hereof shall be a nationally recognized Legal or Technical Expert with Extensive Experience in relation to the Matter in Dispute.

7.2.5 Miscellaneous

In any Arbitration Proceeding hereunder

(a) Proceedings shall, unless otherwise agreed by the Parties, be held in Bengaluru.

(b) The Decision of the Sole Arbitrator or of a Majority of the Arbitrators (or of the Third Arbitrator if there is no such Majority) shall be Final and Binding and shall be enforceable in any Court of Competent Jurisdiction, and the Parties hereby waive any Objections to or Claims of Immunity in respect of such Enforcement.

APPENDICES

Appendix A: Description of the Services

[Give Detailed Descriptions of the Services to be provided, Dates for Completion of Various Tasks, Place of Performance for different Tasks, Specific Tasks to be approved by Employer, etc.]

Appendix B: Reporting Requirements

[List Format, Frequency, Contents of Reports and Number of Copies; Dates of Submission, etc. If no Reports are to be submitted, state here "Not Applicable"]

Appendix C: Key Personnel and Sub Consultants

[List hereunder:

C – 1 Titles [and Names, if already available], Detailed Job Descriptions and Minimum Qualifications, Experience of Key Personnel to be assigned to Work and Staff Months for each.

C – 2 List of Approved Sub Consultants [if already available]; same Information with respect to their Personnel as in C – 1 through C – 2.

Appendix D: Services and Facilities to be provided by the Employer

[List hereunder:

F – 1 Services, Facilities and Property to be made available to the Consultant by the Employer.

Appendix E: Breakdown of Contract Price in Indian Rupees

List here the Elements of Cost used to arrive at the Breakdown of the Lump Sum Price.

1. Monthly Rates for Local Personnel (Key Personnel and other Personnel).

2. Reimbursable Expenditures.

This appendix shall exclusively be used for determining remuneration for Additional Services.

Appendix F: Format of Bank Guarantee for Performance Security

(Clause 9 of Information to Consultant)

(To be stamped in accordance with Applicable Stamp Act, if any)

Ref: _____Bank Guarantee: _____Date: _

_____

To
The Commissioner
Bruhat Bengaluru Mahanagara Palike
N. R. Square
Bengaluru – 560 002

WHEREAS _____ [Name and address of Consultant] (hereinafter called "the Consultant") has undertaken, in pursuance of Contract No._____ dated _____ to provide the services on terms and conditions set forth in this Contract "**Consultancy services for Preparation of Detailed Project Report (DPR) including Field survey, General and Technical Reports, Basic and Detailed drawings, and Detailed cost Estimates for "Comprehensive Development of roads drains, footpaths, Parks, sports facilities and Educational Buildings in Yelahanka Division".** (hereinafter called the "the Contract").

AND WHEREAS it has been stipulated by you in the said Contract that the Consultants shall furnish you with a Bank Guarantee by a recognized bank for the sum specified therein as security for compliance with his obligations in accordance with the Contract;

AND WHEREAS we have agreed to give the Consultants such a Bank Guarantee.

NOW THEREOF we hereby affirm that we are the Guarantor and responsible to you, on behalf of the Consultants up to a total of _____ [Amount of Guarantee] _____ [in Words], such sum being payable in the types and proportions of currencies in which the Contract Price is payable, and we undertake to pay you, upon your first written demand and without cavil or argument, any sum or sums within the limits of _____ [Amount of Guarantee] as aforesaid without your needing to prove or to show grounds or reasons for your demand for the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the Consultants before presenting us with the demand.

We further agree that no change or addition to or other modification of the Terms of the Contract or of the Services to be performed there under or of any of the Contract Documents which may be made between you and the Consultants shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition or modification. The liability of the Bank under this Guarantee shall not be affected by any change in the constitution of the Consultants or of the Bank.

Notwithstanding anything contained herein before, our liability under this guarantee is restricted to Rs. _____ (Rs. _____) and the guarantee shall remain valid till _____ unless a claim or a demand in writing is made upon us on or before _____ all our liability under this guarantee shall cease.

This guarantee shall be valid for a period of ……. months i.e. upto 3 months beyond the expiry of Defect Liability Period of ……. months.

Signature and Seal of the Guarantor _____

In presence of

Name and Designation
(Name, Signature and Occupation)
Name of the Bank

Address
(Name and Occupation)
Date _____